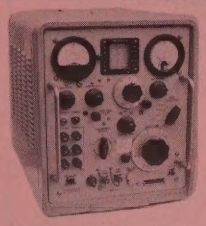
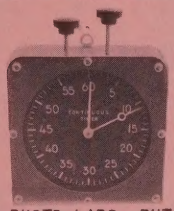
TS-510A SIG. GENERATOR



TS-510A/USM-44A SIGNAL GENERATOR, 10 TO 420 MHZ AM, CW OR PULSED CARRIER. SIMILAR TO HEWLETT-PACKARD 608D. INTERNAL MODULATION 400 OR 1000 HZ. EXTERNAL MOD: 100 TO 20 KHZ. OUTPUT: 0.1 U-VOLT TO 0.5 VOLT INTO A 50 OHM LOAD. HAS BUILT-IN 1 MHZ OR 5 MHZ CRYSTAL CALIBRATOR. LARGE 3½" ROUND METERS INDICATE PERCENT MODULATION AND OUTPUT VOLTS-DBM. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 13¼x16½x21; SHPG. WT: 80 LBS.
PRICE: USED, REPARABLE $375. CHECKED, $450.

TS-510/USM-44 SIGNAL GENERATOR, SAME AS THE "A" MODEL EXCEPT WITH ONLY 5 MHZ CALIBRATOR.
PRICE: USED, REPARABLE $350. CHECKED, $425.

STOP TIMER



FM-19 STOP TIMER IS A MECHANICAL PRECISION INSTRUMENT DESIGNED TO INDICATE ELAPSED TIME FROM 0 TO 60 MINUTES IN 0.5 SECOND INCREMENTS. ONE HEAVY-DUTY SWITCH STARTS-STOPS THE HANDS; THE OTHER PLUNGER RESETS. WITH LARGE 5" DIAL. ORIGINALLY USED IN PHOTO LABS, BUT THE HANDS ARE NOT LUMINESCENT. SIZE: 7¾x6x2¾, SHPG. WT: 5 LBS. UNUSED, $14.95

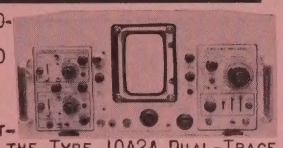
DUAL TRACE SCOPES

AN/USM-140D OSCILLOSCOPE, DC TO 30 MHZ MAINFRAME, SIMILAR TO HEWLETT-PACKARD 170A. INCLUDES MX-2930D DUAL-TRACE VERTICAL PLUG-IN WITH DC TO 22 MHZ PASS BAND INPUT IMPEDANCE: 1 MEGOHM SHUNTED BY 30 PF. INPUT SENSITIVITY: 0.02 VOLT/CM TO 20 VOLTS/CM. FUNCTIONS: CHANNEL A,B CHOPPED, A-B, AND ALTERNATE. HORIZONTAL MX-3078 PLUG-IN SWEEP RATE: 0.1 SEC/CM TO 5 SEC/CM. HORIZONTAL SENSITIVITY: 0.1 V/CM TO 10 V/CM. MAGNIFIER X1 TO X100 IN SEVEN STEPS. CALIBRATOR: 0.2 MV TO 100 V. IN NINE RANGES. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 14½x19x22, SHPG. WT: 110 LBS. NET: 95 LBS.
PRICE: USED, REPARABLE, $375. CHECKED, $450.

AN/USM-140B OSCILLOSCOPE, EARLIER VERSION OF THE ABOVE. SAME SPECS WITH DUAL-TRACE PLUG-IN. USED, REPARABLE, $350. CHECKED, $425.

AN/USM-105A SCOPE WITH DUAL-TRACE PLUG-IN, SAME AS USM-140 EXCEPT DC TO 15 MHZ RESPONSE.
PRICE: USED, REPARABLE, $195. CHECKED, $295.

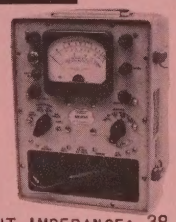
100 MHZ OSCILLOSCOPE



TEKTRONIX R647A MODIFIED OSCILLOSCOPE FEATURING DC TO 100 MHZ FREQUENCY RESPONSE, DUAL-TRACE CAPABILITIES, AND SOLID-STATE CIRCUITRY. UNIT INCLUDES THE TYPE 10A2A DUAL-TRACE AMPLIFIER AND THE TYPE 11B1 TIME BASE MODULES. AMPLITUDE CALIBRATOR GOES FROM 0.2 MV TO 100 VOLTS IN 18 STEPS. THIS SCOPE WITH ITS 14 KV ACCELERATING POTENTIAL ON THE CRT HAS HIGH WRITING SPEED AND IS CONSTRUCTED FOR RUGGED AND SEVERE ENVIRONMENTS. POWER REQUIRED: 90 TO 136 VAC AND FROM 180 TO 272 VAC IN SIX SWITCHABLE RANGES, 45-440 HZ. SIZE: 8¾x19x19, SHPG. WT: 75 LBS.
NOTE: THE MODIFICATION ON THE R647A'S WHICH WE OFFER APPEARS TO BE THE VERTICAL ORIENTATION OF THE 6x10 CM. DISPLAY AS PICTURED ABOVE. THESE UNITS ARE SOLD AS REMOVED FROM SERVICE, LESS THE DISPLAY BEZEL, OPERABLE ON MOST MAJOR FUNCTIONS, BUT NOT LAB CALIBRATED
PRICE: TEK R647A MOD. SCOPE, USED, $895.00

OSCILLOSCOPE CAMERA USED WITH TEK R647A. EXPOSES 35 MM FILM CARRIED IN 500 FT. CAPACITY VAC MOTOR-DRIVEN MAGAZINES. INCLUDES F1.0 2." CRT COPY LENS. WRITE FOR INFO. $175.00

MULTIMETER

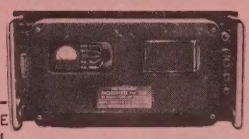


ME-81/USM-34 MULTIMETER, PORTABLE INSTRUMENT MEASURES DC AND AC VOLTAGES, RF VOLTS, OHMS, AND DC MILLIAMPS. SCALES: 0 TO 1000 VOLTS DC OR AC IN FOUR RANGES; 0 TO 3000 VOLTS DC PEAK TO PEAK; 0 TO 1000 DC MILLIAMPS; 0 TO 3.0 VAC P-P; 0 TO 2000 MEGOHMS; AND 0 TO 1000 DC MILLIAMPS. DC INPUT IMPEDANCE: 38.3 MEGOHMS WITH PROBE. RF INPUT IMPED: 8 PF SHUNTED BY 13 MEGOHMS ON 100 VOLT AC RANGE. POWER REQUIRED: 115 VAC 50-1000 HZ. SIZE: 11¾x8¾x5½ SHPG. WT: 17 LBS.
PRICE: USED, REPARABLE $30.00 CHECKED $45.00

CALL COMMANDER

CALL COMMANDER SWITCHBOARD NE-634C-1 AT REDUCED PRICES FROM WS-76 CATALOG. EITHER 11 OR 17 LINE PLUS "HOLD" AVAILABLE. SPECIFY BEIGE OR GREEN COLOR. USED, REMOVED F/SERVICE. 20 LBS.
PRICE: 11 LINES, $24.95
17 " , $34.95

SSB TRANSCEIVER



618S-1/MC SSB TRANSCEIVER COVERS 2.0 TO 25 MHZ FROM 20 PRESET CHANNELS; FREQ. INTERVAL: 500 HZ (2.0-7.25 MHZ) AND 1000 HZ (7.25-25.0 MHZ). HAS AUTOTUNE FROM CHANNEL TO CHANNEL. TRANSMITS SSB OR AM SIGNALS WITH MINIMUM PEAK OUTPUT OF 100 WATTS (2-14.25 MHZ) AND 90 WATTS (14.25-25 MHZ). ANTENNA TUNE POWER: 50 WATTS. CARRIER SUPPRESSION: 40 DB MIN. RECEIVES AM, DSB, AND SSB. SENSITIVITY: 1.5 U-V. FOR 10 DB (SSB): SELECTIVITY: 3 KHZ MIN. BANDWIDTH @ 6 DB DOWN; 8 KHZ MAX. @ 60 DB DOWN. CAN BE USED WITH FSK. UTILIZES A VFO, SPECIAL DISCRIMINATOR AND REFERENCE OSCILLATOR SUBASSEMBLIES. WITH 25 TUBES. POWER REQUIRED: 28 VDC AND 115 VAC 400 HZ. FOR 60 HZ OPERATION: 600 VDC, 250 VDC, -50 VDC, -65 VDC AND 6.3 VAC. 115 V. 400 HZ FOR SELSYN ON PA INDUCTOR. SIZE: 15½x8x23½: WT: 65 LBS.
PRICE: USED $175.00

RT-311/ARC-38 TRANSCEIVER, SIMILAR TO THE 618S-1/MC, BUT WITHOUT SSB. USED, $99.50.

COLLINS 618S-1 TRANSCEIVER, SIMILAR TO 618S-1/MC AND ARC-38, BUT CRYSTAL-CONTROLLED. NO SSB OR VFO. USED, $65.00

REFERENCE GENERATOR

SG-323/TSM REFERENCE SIGNAL GENERATOR, USED IN DATA COMMAND SYSTEMS OF FLIGHT COMPUTERS. HAS 69 DIODE-TRANSISTOR LOGIC CARDS WHICH IN TOTAL CONTAIN OVER 300 2N404 TRANSISTORS. ALSO 32 DATA ENTRY SWITCHES PLUS SWITCHING FOR 16 PRESET MESSAGES. A AND B CHANNELS HAVE ODD-EVEN SELECTORS; EIGHT ADDRESS SWITCHES PER CHANNEL. TEST DISPLAY HAS INDICATOR LIGHTS NUMBERED 1, 2, 4, 8, 16, 32, & 64. OPERATING MODES: EXT AUTO, INT AUTO, AND MAN. MANUAL MODE SELECTION: 5 KC, NORMAL, OR ONE SHOT. IN ALL, 67 MINIATURE TOGGLE SWITCHES (MOSTLY SPDT) ARE USED. RCA MFG. POWER INPUT NOT KNOWN. SOLD AS "RECEIVED FROM GOV'T. NOT CHECKED FOR OPERATION." SIZE: 19x7¾x16¾; SHPG. WT: 65 LBS. USED.
PRICE: W/CABINET, $75.00; LESS CABINET, $70.

RECORDING TAPE

MAGNETIC RECORDING TAPE FOR MOST AUDIO TAPE RECORDERS. ON 10½" REEL; ¼" WIDTH, 3600 FEET APPROX LEADING MANUFACTURER. WT: 2 LBS. USED, $1.95 EACH. 3 FOR $5.00

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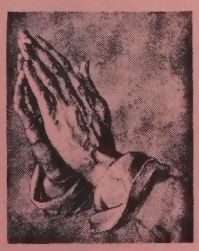
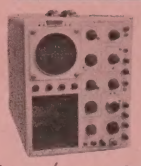


GOD IS JUST
A PRAYER AWAY

1776 - 1976

CATALOG S-76

PLUG-IN TYPE SCOPES



LA-545 OSCILLOSCOPE, DC TO 30 MHZ RESPONSE AND DUAL-TRACE CAPABILITIES WITH PROPER PLUG-IN. SIMILAR TO TEKTRONIX 545A AND ACCEPTS ALL TEK LETTER AND "I" SERIES VERTICAL PLUG-INS. HORIZONTAL SENSIVITY: 0.2 V/CM TO 15 V/CM. SWEEP RATE: 0.1 U-SEC/CM TO 5 SEC/CM IN 24 STEPS (TIME BASE A) AND 2 U-SEC/CM TO 1 SEC/CM IN 18 STEPS (TIME BASE B) SWEEP DELAY: 2 U-SEC TO 10 SEC/CM. AMPLITUDE CALIBRATOR: 1000 HZ SQUAREWAVE, .2 MV-100 V. SOLD LESS PLUG-INS. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 17x13x24, WT: 85 LBS. PRICE: USED, REPARABLE, $395. CHECKED, $495.

LA-265A OSCILLOSCOPE, DC TO 15 MHZ AND DUAL-TRACE CAPABILITIES WITH PROPER PLUG-IN. SIMILAR TO TEKTRONIX 535A AND ACCEPTS TEK LETTER AND "I" SERIES PLUG-INS. LESS PLUG-IN. PRICE: USED, REPARABLE, $295. CHECKED, $395.

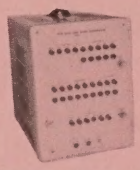
TEKTRONIX TYPE OSCILLOSCOPE PLUG-IN AMPS FOR USE WITH TEKTRONIX 530, 540, 550 SERIES AND SIMILAR MANUFACTURERS' SCOPES. SOLD AS "USED, REPARABLE-COMPLETE." ADD $10.00 FOR TEKTRONIX MFG. UNIT.

TYPE B WIDE-BAND, HIGH-GAIN,	$35.
TYPE D HIGH-GAIN, DC DIFF.,	$40.
TYPE E, LOW LEVEL AC DIFFERENTIAL,	$45.
TEK TYPE G, WIDE BAND DC DIFFERENTIAL,	$45.
TEK TYPE MC, MILITARY DUAL-TRACE,	$125.
TEK TYPE ML, MILITARY L FAST-RISE,	$75.
TEK TYPE O, OPERATIONAL AMPLIFIER,	$175.
TEK TYPE 53/54K, FAST-RISE,	$50.
TEK TYPE P, SAMPLE TEST,	$35.
TEK 7A16, SINGLE-TRACE, DC TO 150 MHZ PLUG-IN FOR 7000 SERIES SCOPES,	$195.

LIMITED AVAILABILITY ON SOME OF THE PLUG-INS.

TEKTRONIX OSCILLOSCOPES IN USED, REPARABLE-COMPLETE CONDITION. QUANTITIES ARE LIMITED.

513D	DC TO 20 MHZ, .01 TO 1000 U-SEC/CM SWEEP RATE,	$195.00
524AD	TELEVISION SCOPE, DC TO 10 MHZ MARKERS, DELAY,	$250.00
531	DC TO 15 MHZ, PLUG-IN TYPE LETTER SERIES,	$225.00
531A	MORE RECENT VERSION 531,	$275.00
532	DC TO 5 MHZ, USES LETTER SERIES PLUG-INS,	$195.00
535	DC TO 15 MHZ, SWEEP DELAY, USES LETTER PLUG-IN,	$295.00



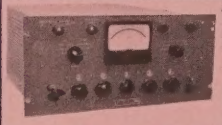
TEKTRONIX 180A TIME-MARK GENERATOR, 14 TIME-MARK INTERVALS FROM 1 U-SEC TO 5 SECONDS. THREE SINE WAVE FREQ: 5, 10, & 50 MHZ. WITH TRIGGER RATE FREQUENCIES: 1, 10, 100 HZ AND 1, 10, 100 KHZ. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 13¾x10x16¾, SHPG. WT: 37 LBS. PRICE: USED, CHECKED FOR OPERATION, $125.00

TEK 107 SQUARE WAVE GENERATOR, 400 KHZ TO 1 MHZ; 0.1 TO 0.5 V. OUTPUT. USED, CHKD. $60.

AUDIO LEVEL METER

DAVEN TR-924C AUDIO LEVEL METER; AS TERMINATING INSTRUMENT, IT INDICATES -40 TO +20 DB; -20 TO +20 DB WHEN BRIDGING. INPUT IMPEDANCE: 600 OHMS BALANCED (TERM.) OR 12,500 OHMS (BRIDGE). FREQ. RESPONSE: 50-10,000 HZ @ ±0.1 DB; 20 TO 20,000 HZ @ -2.0 TO 0.5 DB. TRANSISTORIZED. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 19x5¼x7¼, SHPG. WT: 23 LBS. PRICE: USED, $50.00

DIFFERENTIAL VOLTMETER



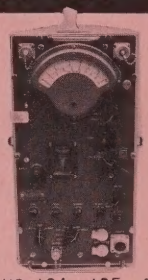
FLUKE 803R DC-AC DIFFERENTIAL VOLTMETER, MEASURE 0-500 VOLTS DC OR AC. DECADE-TYPE NULL RANGE SELECTOR 10, 1, .1, OR .01 DC AND AC. CONVERTER FREQUENCY: 30 HZ TO 5 KHZ. RACKMOUNT. POWER REQUIRED: 115 VAC 60 HZ. 19½x8¾x17¼; 40 LBS. USED, REPARABLE, $95.00

GOV'T. TEST EQUIPMENT

MILITARY TEST EQUIPMENT; ALL USED, CHECKED FOR OPERATION UNLESS "REP" (REPARABLE) INDICATED. ACCESSORIES EXTRA. WRITE FOR MORE INFO

OS-8	OSCILLOSCOPE, 3RPI CRT,	$75.
OS-57/USM-38	OSCILLOSCOPE, 3WPI CRT,	95.
OS-62/USM-50	OSCILLOSCOPE, 3ADPI CRT,	100.
FR-4	FREQUENCY METER, 100 KHZ-20 MHZ,	85.
FR-38	" " , PLUG-IN TYPE,	175.
BC-221	" " , 125-20,000 KHZ,	70.
TS-323	" " , 20-480 MHZ,	65.
AN/URM-32	" " , 125 KHZ-1000 MHZ.	95.
AN/URM-25	SIG. GENERATOR, .10-50 MHZ,	WRITE.
AN/TRM-1	" " , .19-400 MHZ,	265.
TS-497	" " , 2-400 MHZ,	WRITE.
TS-510A	" " , 10-420 MHZ,	450.
TS-418	SIG. GENERATOR, 400-1000 MHZ, REP	120.
TS-419	" " , 900-2100 MHZ, REP	125.
TS-403	" " , 1.8-4.2 GHZ, REP,	150.
AN/TRM-3	SWEEP GENERATOR, AM-FM,	375.
ME-26D	MULTIMETER, 20 HZ-700 MHZ,	75.
ME-71C	AUDIO LEVEL METER, 20-500 KHZ, REP	60.
TS-352	MULTIMETER, BATTERY OPERATED,	39.95
TS-375	AC-DC VOLTMETER, REP,	25.
TS-505	VTVM, AC-DC VOLTS AND OHMS,	40.
TV-2/U	TUBE TESTER, FULLY METERED,	95.
TV-3/U	" " , REP. $55. CHECKED	$65.
TV-7/U	" " , REP, $29.95; CHKD,	$39.95

RI-FI METER TEST SET



IM-37A/PRM-1A RADIO INTERFERENCE-FIELD INTENSITY METER, SIMILAR TO STODDART NM-20B. USED TO DETERMINE SOURCE OF RADIATED OR CONDUCTED INTERFERENCE AND THE EXPLORING OF RADIATION PATTERNS. COVERS FREQ. RANGE FROM 150 KHZ TO 25 MHZ WITH CAPABILITIES OF MEASURING RF VOLTAGES FROM 1.0 U-VOLT TO 1 VOLT. AS A FIELD INTENSITY METER, IT CAN MEASURE FROM 2.0 U-V/METER TO 2.0 VOLTS/METER. INCLUDES AT-211,-212, & -213 ANTENNAS; UG-104,-105, & -537 ADAPTERS; CU-195,-196, & -197 IMPEDANCE MATCHING NETWORKS; MX-980 RF PROBE; CALIBRATION BOOK; AND CY-749A TRANSIT CASE. BATTERY POWER REQUIRED: 1.5 VDC @ 0.8 A; 90 VDC @ 30 MA; 9 VDC AND 1.5 VDC. SIZE: 7¾x14x16½ SHPG. WT: 50 LBS. USED, REPARABLE, $250.00

AN/PRM-1A TEST SET INCLUDING THE IM-37A RI-FI METER, PP-472B AC POWER SUPPLY, ME-33/U REMOTE METER, AND THE FOLLOWING ACCESSORIES: CG-571,-572, & -573 SPECIAL PURPOSE CABLES; CADV-62481 & CG-444 CABLES; CADV-62480 POWER CABLE; AND CY-750 TRANSIT CASE. SHPG. WT: 100 LBS. PRICE: USED, REPARABLE, $325.00

AUDIO OSCILLATOR

TS-382 AUDIO OSCILLATOR, 20 HZ TO 20 KHZ IN FOUR BANDS. OUTPUT: 0 TO 10 VOLTS ACROSS 1000 OHMS. WITH BUILT-IN 60 AND 400 HZ REED FREQUENCY METER. SIZE: 10x12¾x18¾, SHPG. WT: 50 LBS. NET: 45 LBS. PRICE: USED, REPARABLE, $49.50. CHECKED, $65.

TS-382F AUDIO OSCILLATOR, MOST RECENT VERSION TS-382. USED, REPARABLE, $60. CHECKED, $75. TRANSIT CASE F/TS-382F, USED, $10.00.

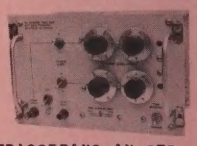
DATA COUNT MODULE

ROYCO MODULE 515 DATA COUNTER PLUG-IN USED IN ROYCO PARTICLE MONITORS. UTILIZES A BEEDE METER RELAY TO TRIP ONE OF TWO 12 VDC RELAYS AT A PRESET COUNT RATE. METER FS= 1 MA; FULL SCALE COUNTS/MINUTE 10K OR 100K. HOWEVER, ALARM (RELAY) OVERRIDE PERMITS USE OF PUSH BUTTON 100, 1K, 10K, AND 100K COUNTS/MIN. RANGE SELECTOR. PRINTED CIRCUIT BOARDS FOR COUNT RATE CKT 1; GATED TRIGGER 1; AMP/ATTEN; AND GATED TRIGGER 2. UNITS ARE USED IN EXCELLENT CONDITION, BUT NOT CHECKED. SCHEMATIC INCLUDED. POWER REQUIRED: 115 VAC 60 HZ., +30 VDC, AND -15 VDC. SIZE: 8¼x6x11¾, SHPG. WT: 7 LBS. PRICE: W/FS=10K COUNT, $45.00; FS=100K, $50.

HEWLETT-PACKARD

HEWLETT-PACKARD TEST EQUIPMENT, USED, REPARABLE-COMPLETE CONDITION. IF NOT SATISFIED, EQUIPMENT MAY BE RETURNED WITHIN 10 DAYS OF RECEIPT AND PURCHASE PRICE WILL BE REFUNDED.

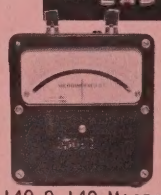
150A	SCOPE, DC-10 MHZ, DUAL-TRACE,	$175.
200BR	AUDIO OSCILLATOR, 20 HZ-20 KHZ,	$40.
202A	FUNCTION GENERATOR, .008-1200 HZ.	$75.
211A	SQUARE-WAVE GENERATOR, TO 1 MHZ,	$65.
212A	PULSE GENERATOR, 50 WATTS PEAK,	$75.
330BR	DISTORTION ANALYZER,	$195.
430C	POWER METER LESS BOLOMETERS,	$40.
434A	CALORMETRIC POWER METER, 1	$295.
450A	AMPLIFIER, 10 HZ TO 1 MHZ,	$40.
460BR	WIDE-BAND AMPLIFIER,	$45.
492A	TWT AMPLIFIER, 4 TO 8 GHZ,	$295.
524B	FREQ. COUNTER, PLUG-IN TYPE,	$125.
524C	" " , 8-DIGIT READOUT,	$175.
525A	PLUG-IN F/524B,C,D 10-100 MHZ,	$60.
525B	" " B,C,D, 100-220 MHZ,	$75.
526A	" " B,C,D, VIDEO AMP,	$40.
526B	" " B,C,D, TIME INTERVAL	$35.
526C	" " B,C,D, PERIOD MULTI,	$40.
540A	TRANSFER OSCILLATOR, RACKMOUNT,	$125.
684C	SWEEP OSCILLATOR, 4-8.1 GHZ,	$195.
686A	SWEEP OSCILLATOR, 8.2-12.4 GHZ,	$195.
692A	SWEEP SIG. GENERATOR, 2-4 GHZ,	$295.
1411A	SAMPLING PLUG-IN, DC-4 GHZ,	$195.
1601A	LOGIC ANALYZER PLUG-IN, L/PROBE,	$195.
1781B	SWEEP DELAY GENERATOR PLUG-IN,	$95.
5265A	DIGITAL VOLTMETER PLUG-IN,	$195.
DY2210	VOLTS-TO-FREQ. CONVERTER.	$45.
HP-400C	VACUUM TUBE VOLTMETER USED CHKD	$50.



HEWLETT-PACKARD 526B TIME INTERVAL PLUG-IN USED WITH THE H-P 524 SERIES FREQ. COUNTERS, FR-38, AND NORTHEASTERN 14-20C COUNTERS. UNIT MEASURES INTERVALS FROM 1.0 U-SEC TO 100 DAYS. START-STOP TRIGGERING IN SEPARATE OR COMMON CHANNELS. SHPG. WT: 9 LBS. PRICE: USED, REPARABLE $35.00.

TRANSIT CASE FOR 525/526 PLUG-INS. STEEL (11x 8x8), $5.00; FIBREGLASS (14½x9½x9), $10.00.

LAB INSTRUMENTS

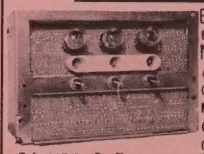


WESTON PORTABLE INSTRUMENTS
MODEL 931, ½% DESIGN ACCURACY, SIZE: 5x5¼x3¾.
MODEL 901, ¼% DESIGN ACCURACY, SIZE: 7½x7¼x3¾.

140-0-140 MICROAMPS DC,	MODEL 931,	$30.00
0-7.5-30-75 VOLTS DC,	MODEL 931,	$35.00
140-0-140 MICROAMPS DC,	MODEL 901,	$40.00

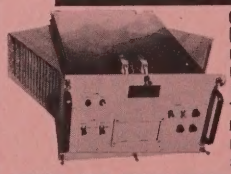
THE ABOVE WESTON METERS ARE USED IN GOOD CONDITION. OTHER SCALES ARE AVAILABLE. WRITE.

NUMERIC READOUT



BURROUGHS DIGITAL DISPLAY UTILIZING THREE NUMERICAL NIXIES (122P224). CAN BE ADAPTED INTO COUNTER, TIMER, OR SIMILAR. CONTACT CLOSURE MAY BE PRESET FROM 0 TO 499 COUNTS USING THE SELECTORS ON THE FRONT. INPUT PULSE: 24 VDC 0.5 MA OR 24-120 VAC WITH MAX. DURATION 160 MILLISEC. MAX. COUNT SPEED: 220 PER MINUTE. POWER REQUIRED: 115 VAC 60 HZ. 10½x 6¾x5; WT: 12 LBS. MDA#101S824, UNUSED, $9.95

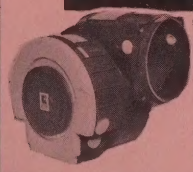
DATA STORAGE UNIT



CV-2607/CG CONVERTER SIGNAL DATA STORAGE; TAPE DATA STORAGE UNIT USES EIGHT CHANNEL HEADS, ONE READ AND ONE WRITE, ½" TAPE STORED IN 14x12½ MAGAZINE. SPROCKET-DRIVE HEADS HAS TWO SYNCHRONOUS STEPPING MOTORS @ 200 STEPS PER REVOLUTION. TWO SWING-OUT CIRCUIT CARD RACKS EACH HOLD FIFTEEN 6-3/8x5¾ CARDS. USES MOSTLY 2N404 TRANSISTORS, BUT ALSO SOME PLASTIC SILICON ONES. UNIT SETS IN RACKMOUNT CABINET WITH INTERIOR GLIDES AND MUFFIN FAN. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 19x10½ x21½. SHPG. WT: 115 LBS. $59.95

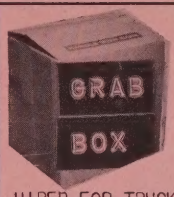
MINIMUM ORDER $5.00

CENTRIMAX BLOWER



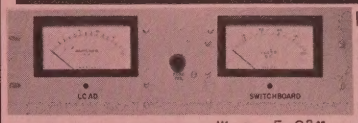
ROTRON CENTRIMAX HEAVY-DUTY BLOWER, 225 CFM @ 15 MM H_2O STATIC PRESSURE. FIBREGLASS CONSTRUCTION. OVAL OUTTAKE 3¾x4⅝ WITH 4x4½ MOUNTING FLANGE. 115 VAC 50/60 Hz. SIZE: 7x9x10½, WT: 20 LBS. #CHX29A2G, UNUSED, $29.95

GRAB BOX



GRAB BOX ASSORTMENT OF NEW & USED, USEABLE GOVERNMENT AND MANUFACTURERS SURPLUS ELECTRONIC ITEMS SUCH A ASSEMBLIES, RESISTORS, CAPACITORS, MOTORS COILS, CHOKES, TRANSFORMERS, POTS CIRCUIT BOARDS, RELATED ITEMS. PACKED IN A CARTON OF 50 LBS. (THIS MAKES A GOOD FILLER TO MAKE THE MINIMUM WEIGHT REQUIRED FOR TRUCK SHIPMENTS OF 150 LB. CHARGE. GRAB BOX S-76 50 LBS. $6.00 100 LBS. $10.00

MATCHED WESTON METERS



METER PANELS FEATURING MATCHED WESTON 1941 AND 1941T (TAUT-BAND TYPE) VOLT-AND AMMETERS. WITH 5x2⅝" HALF-BEZEL MOUNT AND PROPER 50 MV. SHUNT FOR AMMETER. OVERALL METER SIZE: 4½x4". ALSO INCLUDES 24 VDC RELAY, INDICATOR LIGHT, AND TERMINAL STRIP. PANELS ARE USED, BUT IN EXCELLENT CONDITION. PANEL SIZE: 22x5¼x3, WT: 10 LBS.

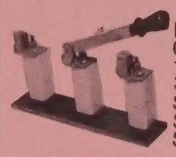
#30T-30T	0-30 AMPS DC & 0-30 VDC	$29.95
#30T-75T	0-30 AMPS DC & 0-75 VDC	$29.95
#10T-150T	0-10 AMPS DC & 0-150 VDC	$29.95
#75-150T	0-75 AMPS DC & 0-150 VDC	$29.95
#2000T-30	0-2000 AMPS DC (W/10 AMP SHUNT ONLY) & 0-30 VDC	$29.95

MN-26K RADIO COMPASS

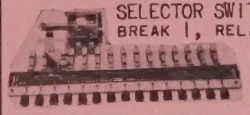
BENDIX MN-26K RADIO COMPASS, USED WITH AIR NAVIGATION EQUIPMENT AS DIRECTION FINDER OR GENERAL RECEIVER. COVERS 200 TO 1750 KHZ IN BANDS (200-410), (410-850), & (850-1750 KHZ). TUNING POSSIBLE DIRECT OR REMOTELY WITH SPLINE SHAFT AND CONTROL BOX. OPERATES FROM 28 VDC 3 AMPS. WITH TUBES 6F6, 6B8, 2/6J5, 2/6N7, AND 5/6K7. SIZE: 17½x11¼x12. WT: 45 LBS. USED, EXCELLENT, $19.95

MN-28LB	CONTROL BOX F/MN-26LB REC. SOME DIAL NUMBER CHANGE REQ. FOR USE WITH MN-26K	$3.95
MC-124	FLEXIBLE SHAFT F/MN-26 20"	1.50
MC-127	SPIN TUNING KNOB FOR REC.	1.50
MC-203	"T" ADAPTER FOR SHAFT & KNOB USE	1.50
MN-26	MANUAL FOR MODELS A,C,M,W,Y,X (BASICLY SAME AS "K" & OTHERS.	5.00

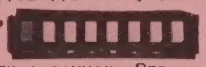
SWITCHES



HEAVY DUTY SPDT KNIFE SWITCH, CONTACTS ON 2" CERAMIC INSULATORS, BAKELITE BASE. 8x4x2, 3 LBS. SW-224, UNUSED, $4.95
SA-46, SPST, UNUSED, 2.95
SA-13, DPDT, UNUSED, 7.95
SW-225, TPDT, UNUSED, 9.95

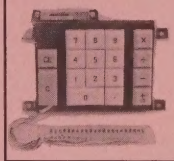


SELECTOR SWITCH, 15 BUTTON, MAKE 1 BREAK 1, RELAY RELEASES ALL BUTTONS WHEN ACTIVATED 24VDC OF 115 VAC. SIZE 12½x7¼x2 WT: 7LBS.
URC#1524115 NEW $7.95



PUSH-BUTTON MIXER SELECTOR, WHITE BUTTONS 1 THRU 4 ARE SEPARATE CONTACTS; 5,6,7 MAKE 2,3,4 RESPECTIVELY WITH A COMMON. RED BUTTON RELEASES ALL. 120/240 VAC 8 AMP RATING 4½x1¼x2¼; 2 LBS. GE#ASP8128-417, UNUSED. $.75

KEYBOARD



CALCULATOR KEYBOARD, 17 KEYS 5/8" BUSINESS SIZE. +, −, X, AND ÷ FUNCTIONS. TERMINAL PIGTAIL AND SINGLE POLE 4 POSITION SWITCH. 4½x4x1½. REMOVED FROM EQUIP. NCR#0092, $4.95

ARR-58 FM RECEIVER

R-863/ARR-58 RECEIVER, FM 162.25 TO 173.5 MHZ. DESIGNED TO RECEIVE SONOBOUY SIGNALS ON 16 PRESET CHANNELS. IF=30 MHZ. INPUT IMPEDANCE: 52 OHMS. MORE RECENT VERSION OF THE R-316/ARR-26 RECEIVER. CONVERSION INFO FOR R-316 TO 145-175 MHZ PLUS AUDIO, SQUELCH, AND 115 VAC 60 HZ POWER MODIFICATION INFO INCLUDED. WITH TUBES 7/6AK5, 2/6AS6, 2/6AL5, 6J6, AND 5814. POWER REQUIRED: 150 VDC 125 MA AND 6.3 VAC. SIZE: 5x8x17, WT: 20 LBS. USED, $19.95

J-953/ARR-58 JUNCTION CABINET, INCLUDES TWO R-863 RECEIVERS, TWO AM-1870 AUDIO FREQUENCY AMPS, AND ONE AM-1871 RF AMP. USED, $45.00

BALLISTICS BOX

C-1 CONTROL BALLISTICS CONTROL BOX FOR USE WITH BOMBING NAVIGATIONAL COMPUTER HAS 4 DIALS CONNECTED TO GEAR ASSY. THAT ARE PART OF THE AUTO RESOLVER SYSTEM 1/SPERRY#662428, 5/662426 AND 2/5663478 ALSO 2 BAND SW. TERM. STRIPS, KNOBS ETC. SIZE: 19x12x8; 12 LB. PT#65473 $14.95

TRANSFORMERS

PRI: 115 V. 60 HZ. SEC: 800VCT 600MA. SIZE: 7x6x6; WT: 28LB DOUG.#8006 USED $13

PRI: 115 VOLT 60 HZ. SEC: 500 VCT @ 100 MA 6.3 V. @ 1 AMP. SIZE: 2½x2⅝x3¼; WT: 3 URC#8316213 $2.95

PRI: 115 VOLT 60 HZ. SEC: 500 VCT @ 150 MA 6.3 V. @ 2 AMP. SIZE: 2⅝x3x3¼; WT: 3½ URC#8316133 $3.95

PRI: 115 VOLT 60 HZ. SEC: 130 VCT @ 200 MA SIZE: 3⅜x2¾x2¼; 2 LB. URC#8316423 $2.50

PRI: 115 VOLT 60 HZ. SEC: 60 VCT 12 AMP 50 VCT 3 AMP. SIZE: 5x5¼x4½; WT: 18LB NCR#0078318903 $12.95

PRI: 130 V. 60 HZ. FOUR PRI. TAPS. SEC: 80VCT @ 5A. CONT. INTERMITENT 9 A. WITH 2 REGULATING CAP. SIZE: 7x4½x5⅜; WT: 34LB. REG#6123472 $9.95

PRI: 115 VOLT 60 HZ. SEC: 24 " 4 AMP. SIZE: 3½x3⅜x3; WT: 4 LB CARSON#4892 $4.95

PRI: 115 VOLT 60 HZ. SEC: 24 V. @ 2 AMP. 6.3V @ 100 MA/24V@100MA SIZE: 3¼x3x3; WT: 4 LB URC#LT-646 $4.95

PRI: 115/230 V. 60 HZ. SEC: 24 VCT @ 2 AMP. SIZE: 3x2½x2⅝; WT: 3 LB URC#5515830-2 $3.95

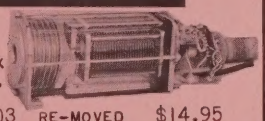
PRI: 115 VOLT 60 HZ. SEC: 35 VCT @ 1 AMP. 6 V. @ 300 MA. SIZE: 2½x2⅝x3; WT: 3 LB. URC#1341155-2 $2.50

PRI: 115 VOLT 60 HZ. SEC: 45 V. @ 500 MA. 6 V. @ 500 MA. SIZE: 3⅜x2¾x2½; WT: 2LB URC#203A6725-10 $2.50

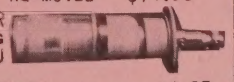
PRI: 115 VOLT 60 HZ. SEC: 115 " TAPPED @ 65 " 1 AMP. SIZE: 3¾x3½x3; WT: 3 LB URC#105P10 $3.95

PRI: 120 VOLT 60 HZ. SEC: 120 VOLT 3.5 A. SIZE: 6x4½x4½; WT: 12LB #5950-989-0971 $9.95

SPECIAL CAPACITORS

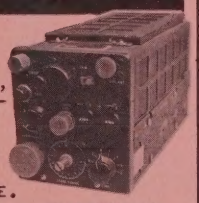


VARIABLE CAPACITOR IN OIL WITH 6 VDC 4.5 RPM MOTOR. CAP. APPROX 700 MMF. 1/16 SPACING. OVERALL SIZE 10x3x3. WT: 4 LBS. #E-421/B-403 RE-MOVED $14.95



VARIABLE VACUUM CAPACITOR 300 MMF, 7500 VOLT, SPRING RETURN SCREW AND GEAR ADJUSTMENT. SIZE: 9x3x3; WT: 4 LB. #XD62174 RE-MOVED 14.95

CODE RECEIVER-XMITTER

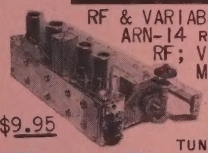


RT-122A/APW-11 RECEIVER-TRANSMITTER, CONSISTS OF TUNEABLE RECEIVER CAVITY, CRYSTAL DETECTOR, VIDEO AMP, DECODER, AND TRANSMITTER ENCODER. OPERABLE WITH EITHER IFF OR TELEMETERING EQUIPMENT. RECEIVES AT A PRESET CARRIER FROM 2680 TO 2920 MHZ WITH A 732 HZ PULSE RATE. REPLY PULSES ARE AUTOMATICALLY TRANSMITTED AT A PRESET CARRIER FROM 2750 TO 2950 MHZ. CODIFICATION DONE BY VARYING THE INTERVALS BETWEEN PULSES. USES TUBES 11/12AT7, 2/2021, 6AS6, 6AL5, AND 2C40. POWER REQUIRED: -350 VDC @ 70 MA AND -80 VDC @ 10 MA. SIZE: 5¼x12x6. WT: 17 LBS. USED, LESS TUBES, $9.95

GEARHEAD MOTOR

MOTOR W/RIGHT ANGLE SHAFT & MOUNT, 1/8 HP 230 RPM. SHAFT SIZE: 5/16" LONG X 3/8" DIA. CLEARANCE BETWEEN SHAFT AND MOUNTING ABOUT 1" REQUIRES 115 VAC 60 HZ @ 1.9 AMPS. SIZE: 7x5¾ DIA. WT: 15 LBS. ROBBINS & MEYERS #KL-H330, $12.95

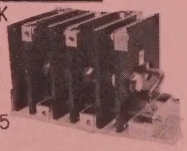
RF & IF MODULE



RF & VARIABLE IF MODULE FROM R-540/ARN-14 RECEIVER. 108 TO 135.9 MHZ RF; VARIABLE IF OF 19.5-21.4 MHZ. REQUIRES 88.5 TO 114.5 OSCILLATOR INJECTION (NOT PART OF MODULE). WORM-DRIVE VAR. CAPACITOR FOR TUNING. WITH TUBES 2/5654, 5670, AND 5725. 10x3¾x3½, 12 LBS. UNUSED.

$9.95

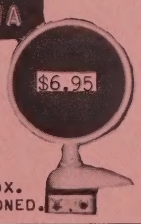
RECTIFIER & SINK



SILICON RECTIFIER & HEAT SINK 400 VOLT 3 PHASE 420 AMP.D.C SIZE: 14x9x8; 20 LBS. GE#337-1198 $30./1 RECT. & SINK $7

SIMILAR TO ABOVE, 400 VOLT 3 PHASE 240 AMP. D.C. SIZE 12x5x7; 10 LB. GE#4J1701 2DF1AD1 ASSY. $23./1RECT & 1 SINK $5

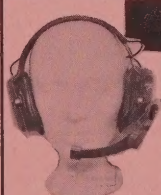
VHF LOOP ANTENNA



AT-382/ARC VHF LOOP ANTENNA, USED WITH ARC-TYPE RECEIVERS OVER 190-1500 KHZ. 9" LOOP ANTENNA (19 U-H) PROVIDES FOR AURAL DIRECTION-FINDING AND ANTI-STATIC RECEPTION. DESIGNED FOR MC-215 FLEXIBLE SHAFT REMOTE TUNING WITH C-18 CONTROL BOX. 14x9x4; 10 LBS. GOV'T RECONDITIONED.

$6.95

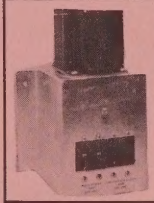
HEADSETS



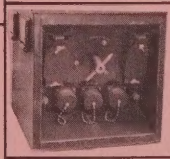
ROANWELL HEADSETS W/BOOM MICS, ALL USED-COMPLETE. SHPG. WT: 10 LBS.

TWO-ELEMENT HEADSET WITH #33840/G MIC. HAS 10 FOOT CORD WITH UG-77 PLUG. ROAN#590585-6, $12.95

SINGLE-ELEMENT HEADSET WITH 100 OHM M-6 MIC. HAS 10 FOOT CORD WITH 4-CONDUCTOR CANON PLUG (XLR-4-11C). ROANWELL#62890, $9.95



AUTO-TRANSFORMER 110/220/440 50/60 HZ. WITH OUTLET FOR 110 VOLT, MOUNTED ON ALUMINUM CHASSIS WITH CIRCUIT BREAKERS DUAL 250 V. 1 AMP AND DUAL 250 V. 5A. ALSO RELAY DPDT 10 AMP. 120 VAC CONTACTS, 120 V. 50/60 HZ COIL. TRANSFORMER 250 WATTS. SIZE: 10x6½x5; WT: 16 LBS. NCR#002461701 $8.95



TF-146/G AUTOTRANSFORMER, 100-130 OR 200-260 VOLTS 50/60 HZ INPUT, OUTPUT 115 VOLTS 4 KVA MAX. THRU 7 STEP TAP SWITCH, CIRCUIT BREAKERS IN INPUT SIDE SIZE 19x15x14; WT: 200 LBS. PRICE: $49.50

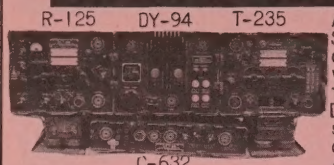
COMPUTER GRADE

COMPUTER GRADE CAPACITORS, ALL NEW.

22000 MFD 75 VDC,	3x6,	$4.00 EA.
23200 MFD 50 VDC,	3x4,	3.75 EA.
51000 MFD 40 VDC,	3x4½,	4.00 EA.

MINIMUM ORDER $5.00

AN/GRC-10 RADIO SET



AN/GRC-10 RADIO SET, CONSISTS OF R-125 RECEIVER, T-235 TRANSMITTER, DY-94 AC POWER SUPPLY, C-632 CONTROL UNIT, AND THE MT-700 RACK DESCRIBED SEPARATELY BELOW. USES SAME ACCESSORIES AS THE OTHER GRC EQUIPMENT WE ADVERTISE. SHPG. WT: 250 LBS. USED, $300.00

R-125/GRC-10 RECEIVER, 54 TO 70.9 MHZ FM IN 0.1 MHZ STEPS. DUAL CONVERSION TYPE WITH A FIXED IF OF 4.3 MHZ AND A TWO-STAGE VARIABLE IF OF 15.15-16.05 MHZ. HAS CRYSTAL AND AFC FREQUENCY CONTROL; ANTENNA TRIMMER; AND SQUELCH. METER INDICATES OSC 1, OSC 2, 3RD IF, 1ST LIM, DISC PRI, DISC-, DISC+, AND LINE LEVEL. OUTPUT IMPEDANCE: 600 OHMS (SPEAKER) OR 4 OHMS (EARPHONE OF HANDSET). HAS 23 TUBES. POWER REQUIRED: 200 VDC 100 MA (PLATE AND SCREEN); AND 24 VDC 1.3 AMPS (FILAMENTS). SIZE: 11¼x9x12½; SHPG. WT: 36 LBS. USED, $125.

T-235/GRC-10 TRANSMITTER, 54 TO 70.9 MHZ FM IN 0.1 MHZ STEPS. TRANSMITS VOICE, MULTI-CHANNEL TELEPHONE, TELEGRAPH, OR FACSIMILE IN ANY COMBINATION. POWER OUTPUT: 40 WATTS (HI) AND 10 WATTS (LO). HAS CRYSTAL-CONTROLLED MONITOR RECEIVER FOR AFC. AUDIO INPUT IMPEDANCE: 600 OHMS (WIDE-BAND) AND 150 OHMS (MICROPHONE). OUTPUT IMPED: 50 OHMS. FORCED-AIR COOLING. METER INDICATES XTAL OSC, AFC-, AFC+, LINE LEVEL, RF POWER, PA PLATE, PA GRID, AND OSC. HAS 16 TUBES INCLUDING ONE 4X150D IN THE POWER AMP. POWER REQUIRED: 550 VDC 150 MA (PA PLATE); 250 VDC 120 MA (PLATE AND SCREEN); 20 VDC 25 MA (MIC) AND 24 VDC 1.7 AMPS (FILAMENTS). SIZE: 11¼x9x12½; SHPG. WT: 40 LBS. USED, $125.00

DY-94/GRC-10 AC POWER SUPPLY FURNISHES ALL THE NECESSARY VOLTAGES FOR THE R-125 AND T-235 FROM POWER INPUTS OF 115/230 VAC 50-65 HZ (292 WATTS) OR 24 VDC (326 WATTS). HAS FORCED-AIR BLOWER FOR COOLING. SIZE: 11¼x9x12½; SHPG. WT: 75 LBS. USED, $125.00

C-632/GRC-10 CONTROL SET COORDINATES THE POWER AND ANTENNA CONNECTIONS IN THE GRC-10 SET AND WITH OTHER SYSTEMS. POWER REQUIRED: 115/230 VAC 50-65 HZ OR 24 VDC. SIZE: 17x3¼x12½; SHPG. WT: 15 LBS. USED, $50.00

ACCESSORIES FOR GRC-10 RADIO SET AND OTHER GRC OR VRC EQUIPMENT. ALL IN USED CONDITION.

H-33/PT HANDSET WITH UG-77 PLUG,	$5.95
M-29/U MICROPHONE WITH UG-77 PLUG,	3.95
LS-166/U LOUDSPEAKER WITH UG-77 PLUG,	8.95
9-PIN GRC CONNECTOR FOR POWER/CONTROL,	2.50

C-BAND AMP-MULTIPLIER

AM-915/GRC AMPLIFIER-MULTIPLIER, ORIGINALLY USED WITH THE T-302/GRC TRANSMITTER TO COVER THE C BAND, 225-400 MHZ FM. OUTPUT: 120 WATTS DRIVEN BY TWO 4X150'S. SIZE: 12x6x14, SHPG. WT: 45 LBS. USED, $54.95

AM-1180/GRC 50-100 MHZ, (1) 4X150A, $49.50
AM-2537/TRA, 790-915 & 840-925 MHZ, $59.50

AMPLIFIER-CONVERTER PLUG-IN UNITS USED WITH R-417/GRC RECEIVER. 30 MHZ IF. CONTINUOUS TUNING OF RF AND OSCILLATOR. USED, COMPLETE. SIZE: 7½x6½x9½, SHPG. WT: 17 LBS.

AM-1179/GRC, 50-100 MHZ, $39.50
AM-914/GRC, 225-400 MHZ, 4/6J4, 5670, $34.95
AM-1177/GRC, 400-600 MHZ, $44.50

F-194/U BANDPASS FILTER FOR R-417/GRC RECEIVER, 142 TO 163 MHZ. USED, COMPLETE, $12.95. OTHER BANDPASS FILTERS AVAILABLE BETWEEN 50 TO 92.5 MHZ AND 121 TO 404 MHZ. SPECIFY. $12.95

POWER SUPPLY

BELL SYSTEM POWER SUPPLY, 105-130 VAC 60 HZ INPUT. OUTPUT: 9 VAC 2.8 AMP; 18 VAC 1.4 AMP; 18 VDC .6 AMP; AND 20 VDC 1.0 AMPS. FUSED AND WITH AC CORD. SIZE: 8¼x4⅞x8⅝; SHPG. WT: 22 LBS PRICE: #J86731A, USED, $9.95

EQUIPMENT ENCLOSURES

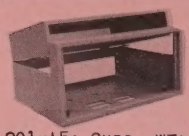


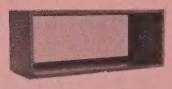
TABLE TOP CABINETS, ALL UNUSED, STEEL CONSTRUCTION WITH GRAY-CRACKLE FINISH.

A-1228, HAS HINGED TOP AND BALL CORNERS. TAKES 9x19 RACK. OVERALL SIZE: 10¼x20½x15; SHPG. WT: 30 LBS. UNUSED, $24.95

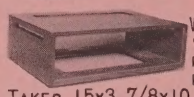
MS-3980, PERFORATED TOP AND BOTTOM; ACCEPTS 10½x19 RACK. OVERALL SIZE: 11⅝x20½x19⅝; SHPG. WT: 35 LBS. UNUSED, $19.95

MS-5373, REAR ENTRY STYLE; HOLDS 8x19 RACK. OVERALL SIZE: 9¼x19¼x19⅝; SHPG. WT: 25 LBS. UNUSED, $15.95

MS-733 CABINET; TAKES 9x10⅝x7⅞ PANEL. OVERALL SIZE: 10¼x12½x8. SHPG. WT: 15 LBS. UNUSED, $8.95

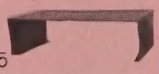


MS-1167, SHORT DEPTH 7x19 x7⅞ RACK. OVERALL SIZE: 8¼x20¼x8, SHPG, WT: 17 LBS. UNUSED, $9.95



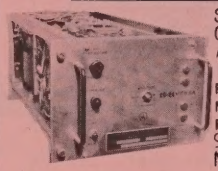
WALNUT VENEER CABINET WITH VENTILATING GRILL ON TOP REAR AND RUBBER FEET. NICE FOR STEREO OR BENCH GEAR. TAKES 15x3-7/8x10 PANEL. SHPG. WT: 10 LBS. PRICE: WE-17, UNUSED-BOXED, $7.95

BUD METAL CHASSIS MADE WITH 20 GAUGE STEEL. 10"Dx17"Wx3"H. 7 LBS. #CB-637, UNUSED, $3.95



VINYL-COVERED STEEL ENCLOSURE, PERFORATED REAR TOP; LEATHER-TEXTURED GRAY. 16x4¼x10. 6 LBS. #URC-EN-16, UNUSED-BOXED, $2.95

POWER SUPPLIES



SOLID STATE POWER SUPPLY, OUTPUT: 20-24 VDC @ 5.5 AMPS, RATED CONSERVATIVELY 115 VAC 60 HZ INPUT. HAS FRONT VOLTAGE ADJUST, RUNNING LIGHT, AC RESET, AND FAN. REMOVED F/EQUIPMENT. 9⅝x7x19½, SHPG. WT: 42 LBS NCR#0516-332, $49.95.

SOLID STATE POWER SUPPLY, OUTPUT: 5 VDC 4 AMP INPUT: 115 VAC 60 HZ. WITH COOLING FAN AND FUSE. OPEN FRAME, REMOVED F/EQUIPMENT. 5½x4x14; SHPG. WT: 22 LBS. NCR#95-4326, $19.95.

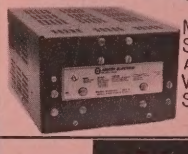
SOLID STATE POWER SUPPLIES, ALL WITH 115/230 VAC INPUTS. SPERRY AND NORTH ELEC. MFG. NEW.

SPERRY #4113281: OUTPUTS 6 VDC 5 AMPS; -12 VDC 2.5 AMP; AND 48 VDC 5.5 AMP. SIZE: 20½x9x8; SHPG. WT: 40 LBS. $39.95

SPERRY #4124957: OUTPUTS 6 VDC 3.5 AMPS (115 VAC IN) OR 12.03 AMPS (230 V. IN). SIZE: 8x10x11; SHPG. WT: 25 LBS. $24.95

NORTH ELECTRIC #PEC 3496: OUTPUTS 5 VDC 42 AMPS; 15 VDC 5 AMPS; -15 VDC 5 AMPS; -18 VDC 12 AMPS; 24 VDC 10 AMPS; 250 VDC 200 MA. SIZE: 24x7x16; SHPG. WT: 150 LBS. $125.00

NORTH ELEC. #PEC 2754: OUTPUTS 6 VDC .5 AMPS; -6 VDC .5 A.; -6 RV .5 A; -12 VDC 1.6 A.; -28 VDC 4 A. 21x5⅝x5¼; WT: 28 LBS. $29.95



NORTH ELECTRIC MODULAR POWER SUPPLY, OUTPUT: 3.7 VDC 14 AMPS @ 40°C. INPUT: 105-132 VAC 40-440 HZ. SIZE: 9¼x5x7½ SHPG. WT: 17 LBS. #N14003KA. PRICE: NEW, $35.00

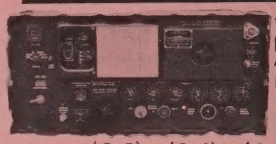
ARC-34 TEST SET

AN/URM-76 TEST METER USED TO TEST CIRCUITS IN THE ARC-34 RADIO SET. CAN BE USED AS A DC VOLTMETER WITH RANGES: 1.5, 5, 15, 50, 150 AND 500 VDC. WITH FS=50 UA. 3½" RD. METER, SCALE: 0-15-50 VOLTS-MILLIAMPS DC. TEST LEADS AND PROBE INCLD. SIZE: 7½x6¼x3¾, WT: 10 LBS. USED, $49.95

RECEIVER WITH FSK

R-808/GRC-14 RECEIVER WITH FSK CONVERTER; CONTINUOUSLY TUNEABLE FROM 2 TO 32 MHZ IN FOUR BANDS: (2-4), (4-8), (8-16), AND (16-32 MHZ). RECEIVES CW, MCW, AM PHONE, AND FSK. DUAL CONVERSION WITH IF'S OF 455 KHZ AND 1500 KHZ; SELECTIVE BANDWIDTH: 700 HZ (BROAD) OR 350 HZ (SHARP). UNIT HAS CRYSTAL CALIBRATOR WITH BFO PITCH CONTROL. HAS METER FOR TELETYPE TUNING; HOLD-OPERATE AND NORMAL-REVERSE TELETYPE LINE SWITCHES. INPUT IMPEDANCE: 300 OHMS (HI-Z) OR 50 OHMS (LO-Z). OUTPUT IMPED.: 600 OHMS. USES 46 TUBES. POWER REQUIRED: 115 VAC 60 HZ OR 26.5 VDC 5 AMPS. SIZE: 13⅝x10x17½, SHPG. WT: 80 LBS. USED, EXCELLENT, NOT CHECKED, $250.

400 WATT TRANSMITTER



T-631/GRC-14 TRANSMITTER, 2 TO 20 MHZ 400 WATTS PEAK OUTPUT, 100 WATTS NOMINAL CARRIER. EMPLOYS DECADE TYPE TUNING IN 100 HZ STEPS: WITH BANDS: (2-3), (3-6), (6-10), AND (10-20 MHZ) TRANSMITS AM PHONE, CW, OR FSK. HAS AFC OR MANUALLY ADJUSTED VFO. FREQUENCY SHIFT OF ±500 HZ. METER INDICATES FSK SYNCHRONIZATION. ALSO METERING FOR RF LINE AND MANUAL TUNE. INPUT IMPEDANCE: 100 OHMS (MIC) OR 600 OHMS (LINE). OUTPUT IMPED: MATCHED OR 50 OHMS WITH RF TUNER BYPASSED. WITH 28 TUBES INCLUDING THREE 4X250F'S IN THE POWER AMP. POWER REQUIRED: 1100 VDC 400 MA; -105 VDC 60 MA; 250 VDC REG. AND 312 VDC (PA SCREEN) @ 500 MA; AND 26.5 VDC 20 AMPS (FILAMENTS AND BLOWER). SIZE: 13⅝x29x17½, SHPG. WT: 230 LBS. NET: 157 LBS. USED, EXCELLENT

PP-1711/GRC-14 AC POWER SUPPLY PROVIDES ALL THE NECESSARY VOLTAGES FOR THE T-631 TRANSMITTER FROM 115 VAC 60 HZ OR 26.5 VDC AND 24 VAC POWER INPUT. ALSO SUPPLIES 115 VDC OUTPUT FOR TELETYPE LOOP CURRENT. INDICATOR SHOWS DYNAMOTOR RUNNING TIME FROM 0 TO 9999.9 HOURS. SIZE: 10x29x17½; SHPG. WT: 310 LBS, NET: 284 LBS. USED, EXCELLENT CONDITION.

PRICE: T-631 XMITTER & PP-1711/GRC-14, $300.
T-631, R-808, & PP-1711/GRC-14, $450.

MANUAL FOR MRC-55, COVERS GRC-14 SYSTEM, $20.

RECEIVERS

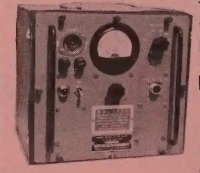
R-648/ARR-41 RECEIVER AIRCRAFT TYPE FOR USE IN THE 195-550 KC AND 2-25 MC RANGE IN 9 BANDS WITH DIGITAL TUNING, 1KHZ SPD AM/CW, BROAD/SHARP, BFO, SENS. ADJ. PHONE JACK ETC DYNAMOTOR INPUT 27.5 VDC 4 AMPS. OUTPUT 250 VDC 100 MA. SIZE: 7½x16x13½; WT: 30 LBS. PRICES: USED REPARABLE $175.00 CHECKED $225

R-390/URR RECEIVER, 500 KHZ-32 MHZ. DIGITAL-TYPE TUNING TO 1 KHZ. RECEIVES AM, CW, MCW. 115/230 VAC 50-60 HZ. USED, REPARABLE, $300.

R-390A/URR RECEIVER, SAME AS THE R-390, BUT WITH MECHANICAL FILTERS. SHPG. WT: 100 LBS. PRICE: USED, REPARABLE, $400. CHECKED, $550.

AN/WRR-2 OR AN/FRR-59 NAVY RECEIVER, 2-32 MHZ AM, CW, MCW, ISB, SSB, FSK, AND FAX. FOUR BANDS, 1 KHZ INCREMENT OR CONTINUOUS TUNING. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 23x20x23. WT: 250 LBS. USED, REPARABLE, $550.00

TS-305B POWER METER



TS-305B/UP POWER METER USED TO MEASURE PEAK RF POWER OF RADIO AND RADAR SETS. FREQUENCY RANGE: 220 TO 320 MHZ. POWER RANGE: 0 TO 50 KILOWATTS INDICATED ON 3½" ROUND MICROAMMETER. INPUT IMPEDANCE: 50 OHMS. POWER REQUIRED: 115 VAC 50-1600 HZ. SIZE: 12x11½x10½; SHPG. WT: 32 LBS. PRICE: USED, REPARABLE, $95.00

MINIMUM ORDER $5.00